2020 time calibration crosscheck with muons
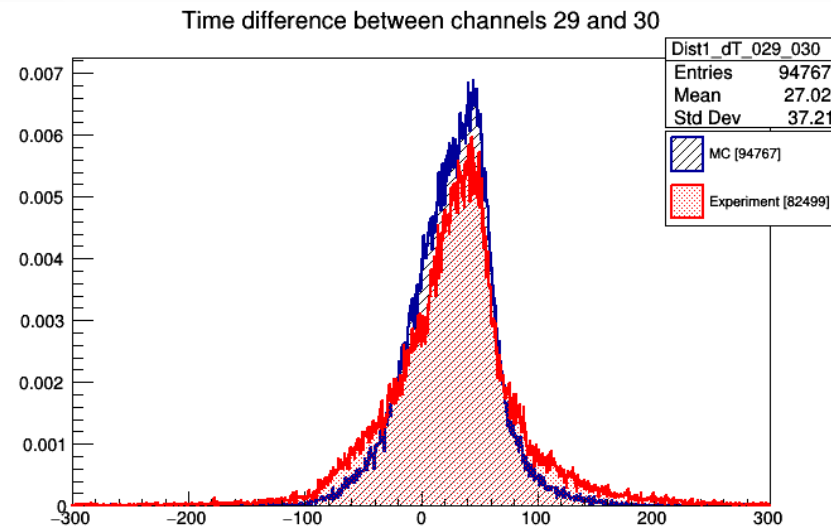
Preliminary results for cluster 1, runs 74-81

Programs BARS: bexport-exp, bexport-mc, dtgen, dtfill,dt-merge,dtcalib,dtprint (A. Avrorin)

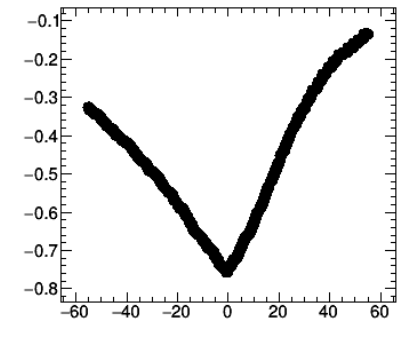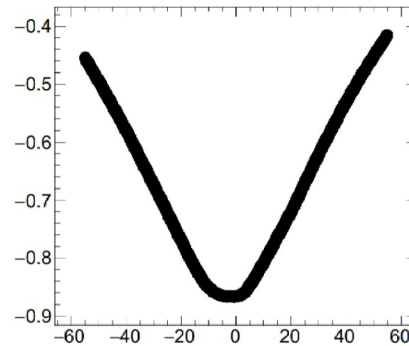Data: exp.: eos/processed/2020/cluster1/… joint.events.marked.root
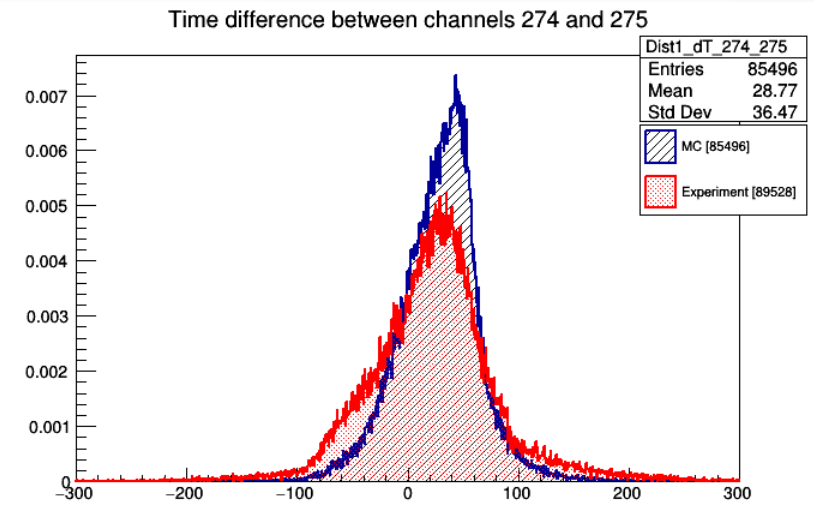
     mc: /mnt/cephfs/user/zaborov/corsika/corsika5/mcread/modangacc/wout/

Timecalib. Files (bars/config):

timecalib_dzh

offsets

Good Pair

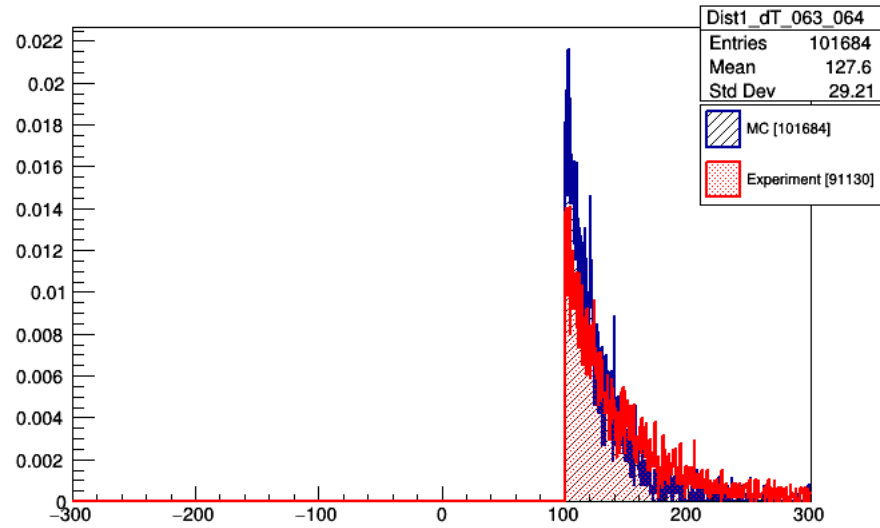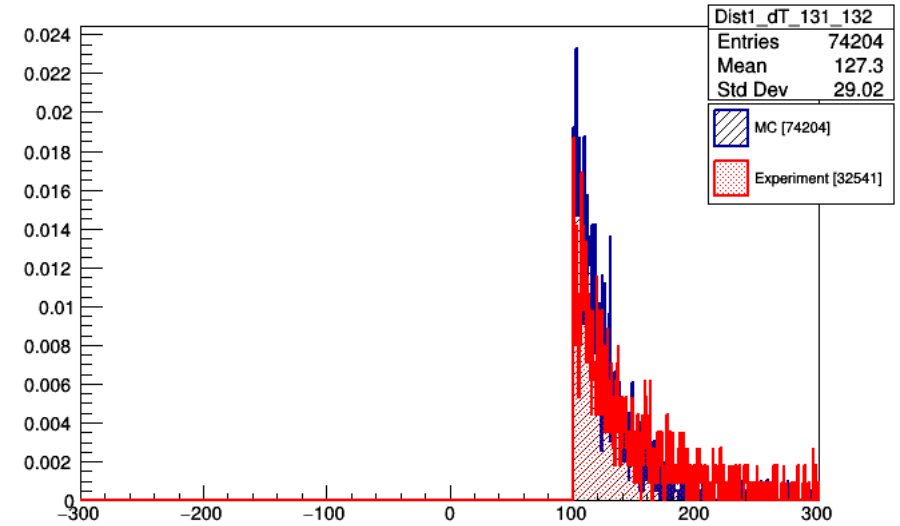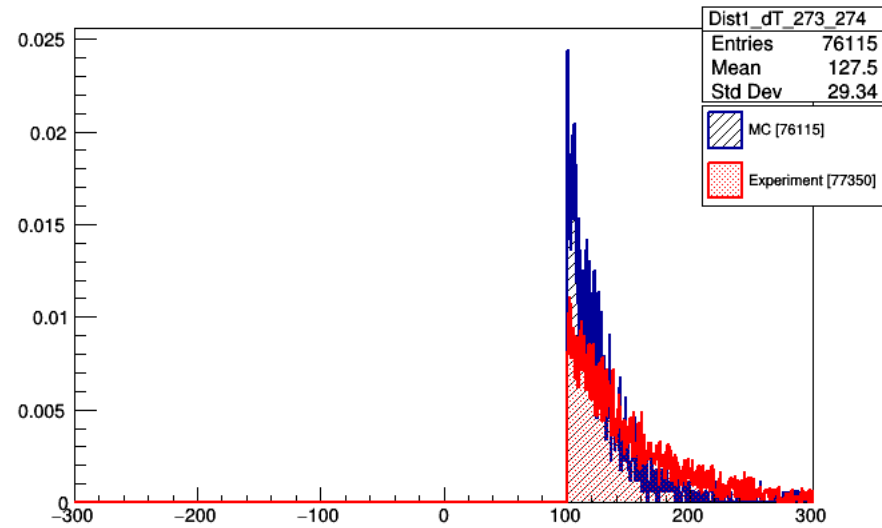Normal pair

Truncated dTDistribution

Time difference between channels 63 and 64

Dist1_dT_063_064	
Entries	101684
Mean	127.6
Std Dev	29.21

MC [101684]

Experiment [91130]

Time difference between channels 131 and 132

Dist1_dT_131_132	
Entries	74204
Mean	127.3
Std Dev	29.02

MC [74204]

Experiment [32541]

Time difference between channels 273 and 274

Dist1_dT_273_274	
Entries	76115
Mean	127.5
Std Dev	29.34

MC [76115]

Experiment [77350]

Time difference between channels 280 and 281

Dist1_dT_280_281	
Entries	94838
Mean	124.6
Std Dev	25.33

MC [94838]

Experiment [111832]